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FIG. 1

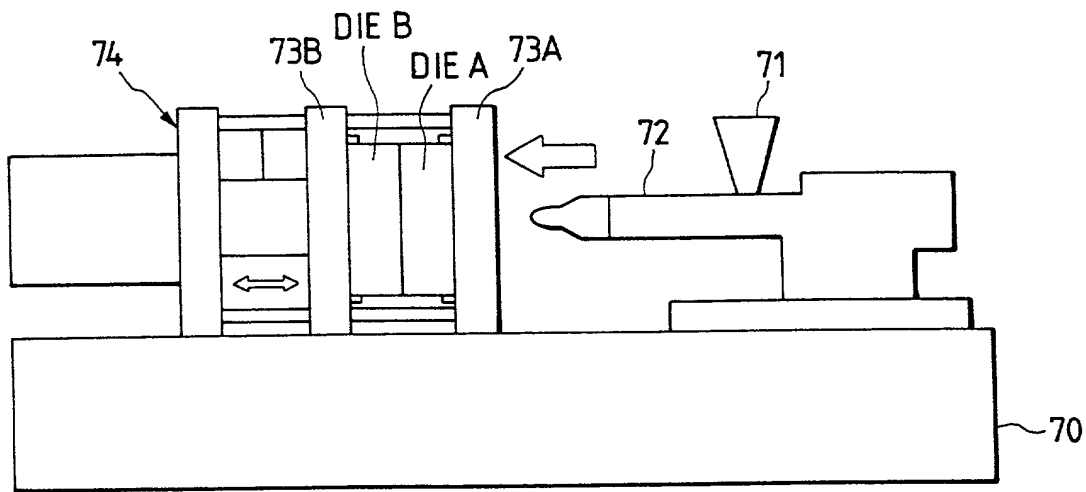
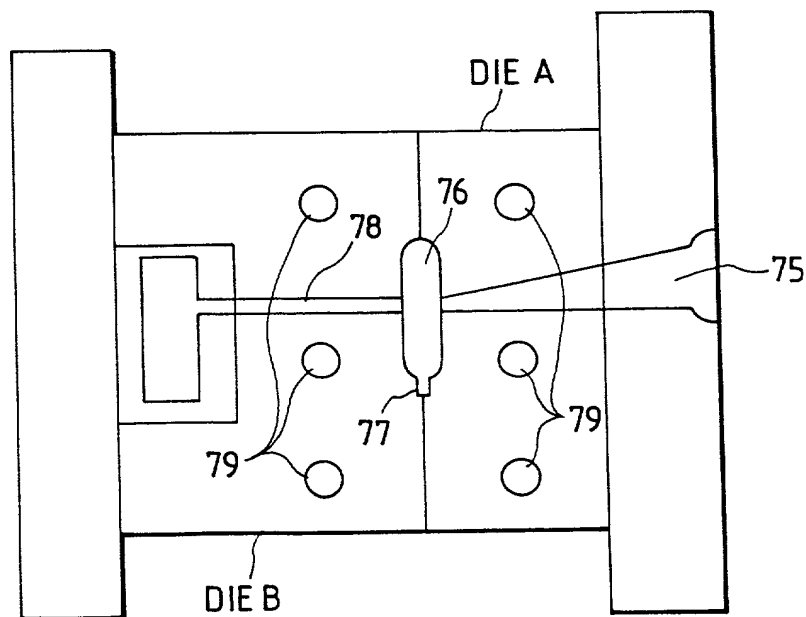


FIG. 2



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FIG. 3

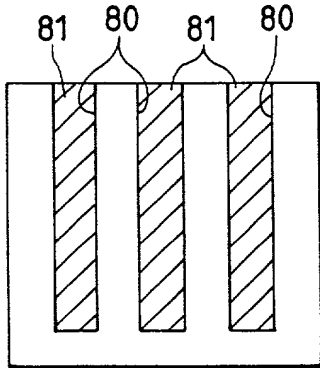


FIG. 4

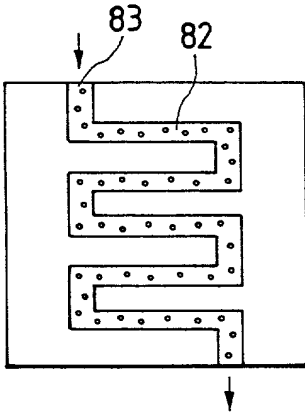


FIG. 5

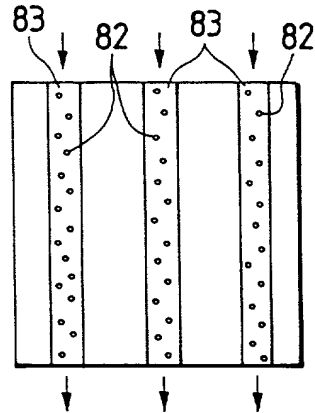


FIG. 6

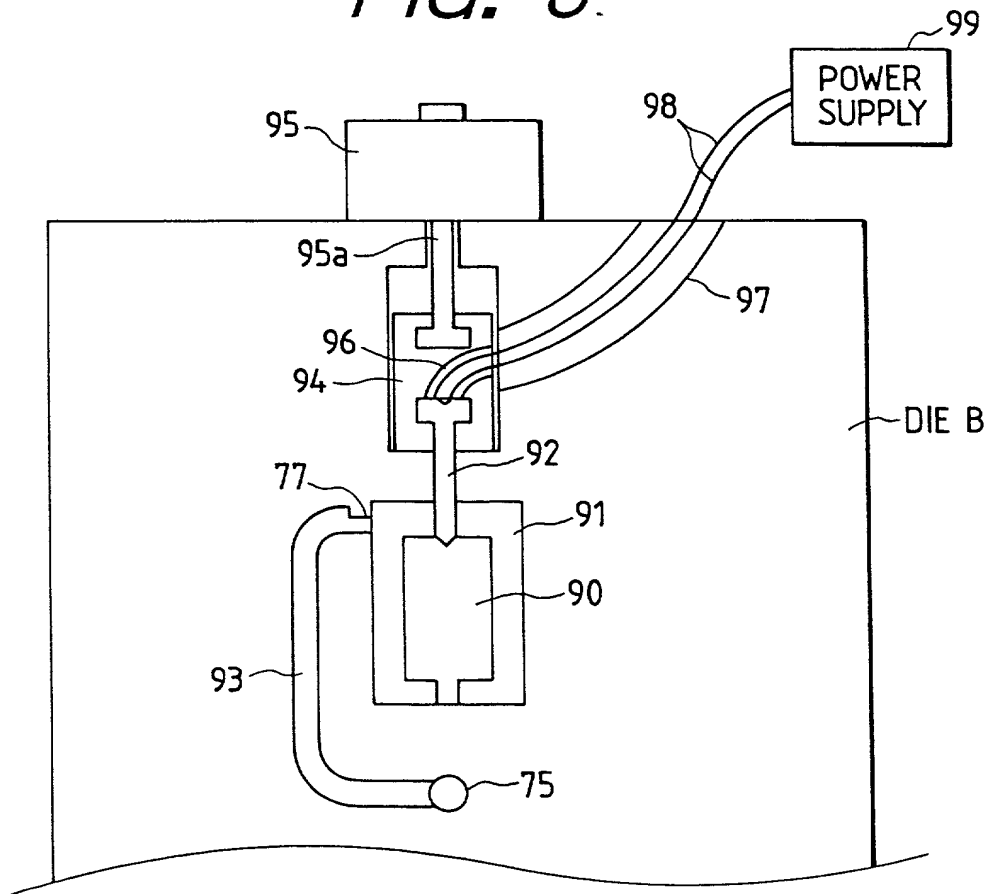


FIG. 7

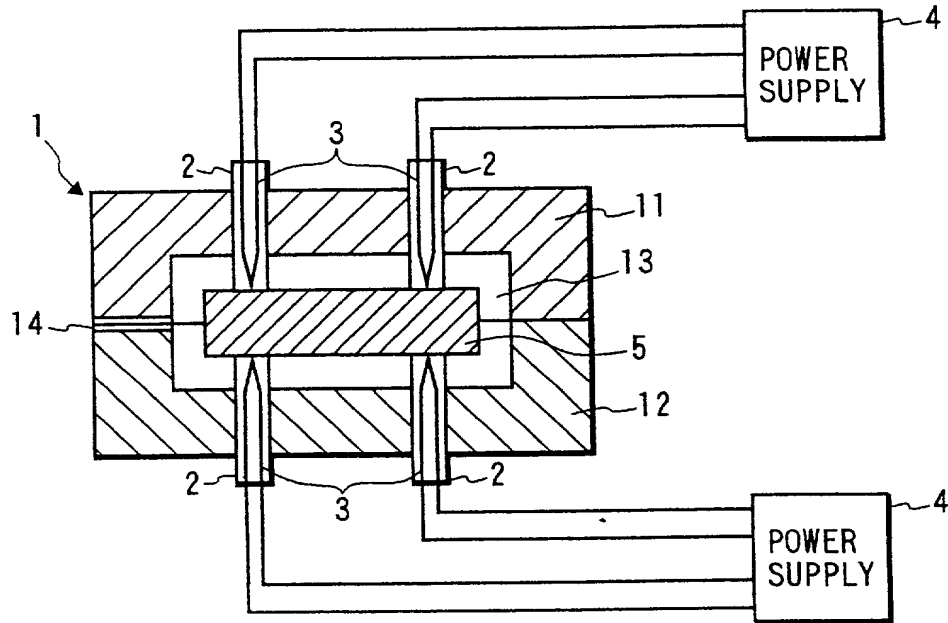
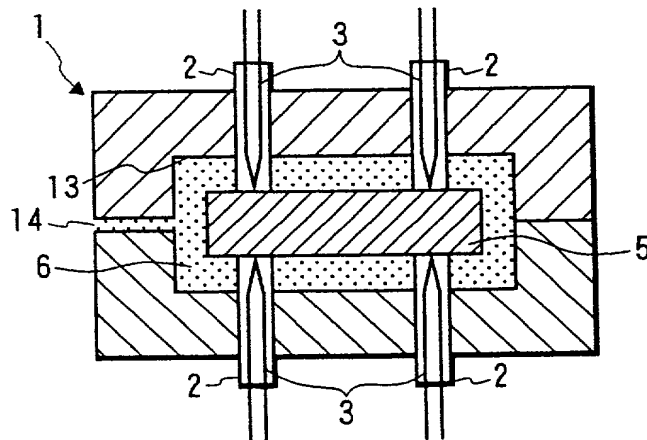
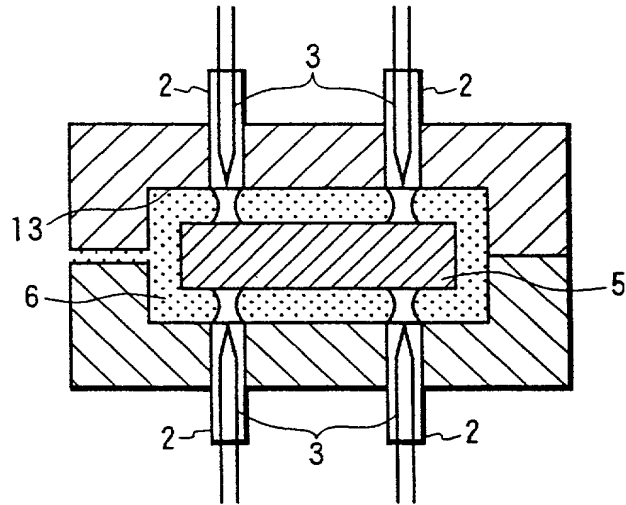


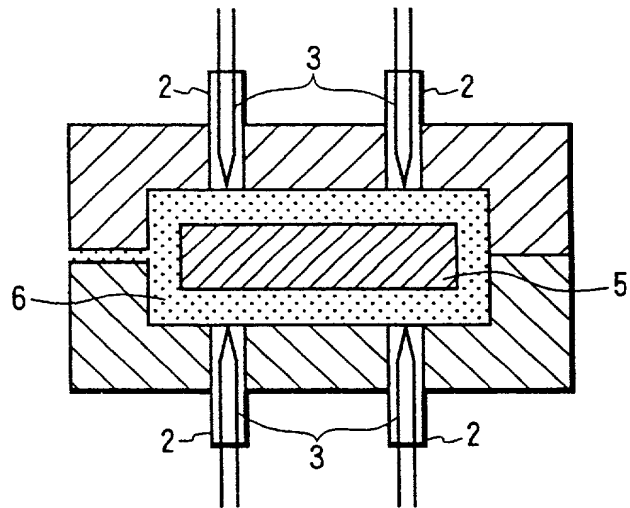
FIG. 8



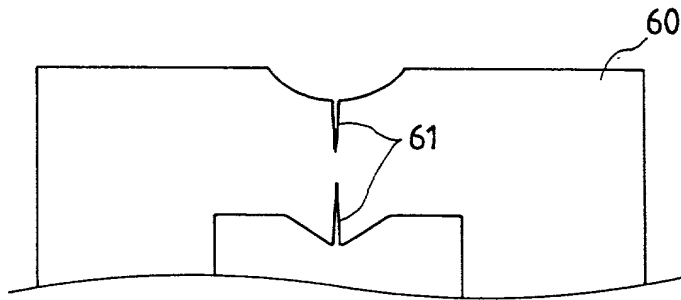
*FIG. 9*



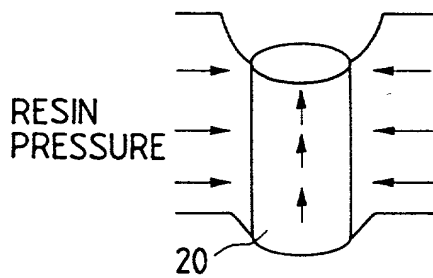
*FIG. 10*



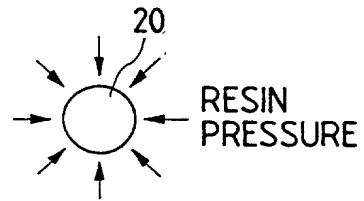
*FIG. 11*  
*PRIOR ART*



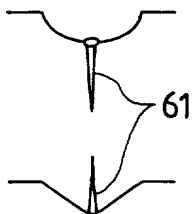
*FIG. 12*



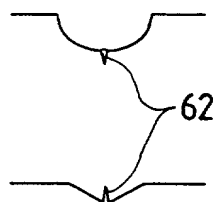
*FIG. 13*



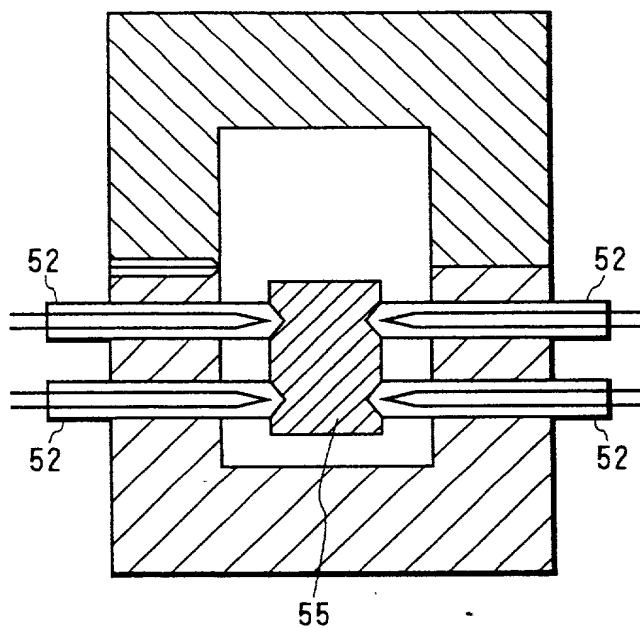
*FIG. 14*  
*PRIOR ART*



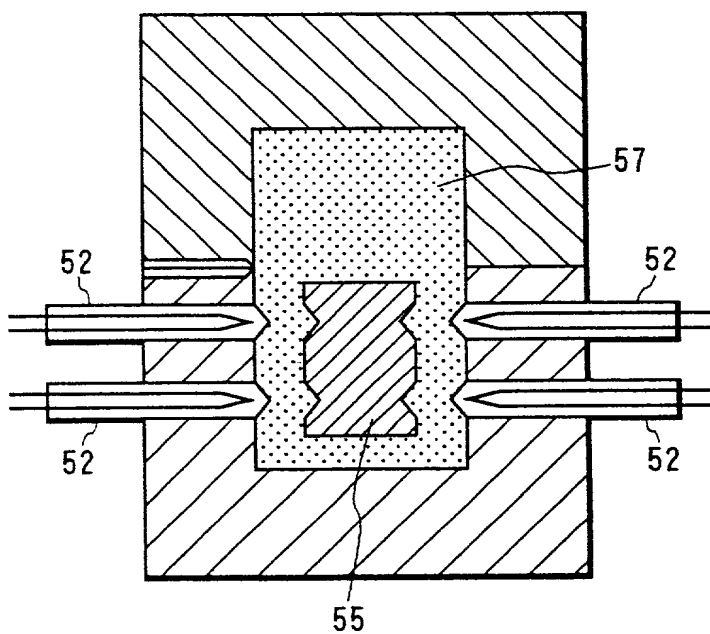
*FIG. 15*



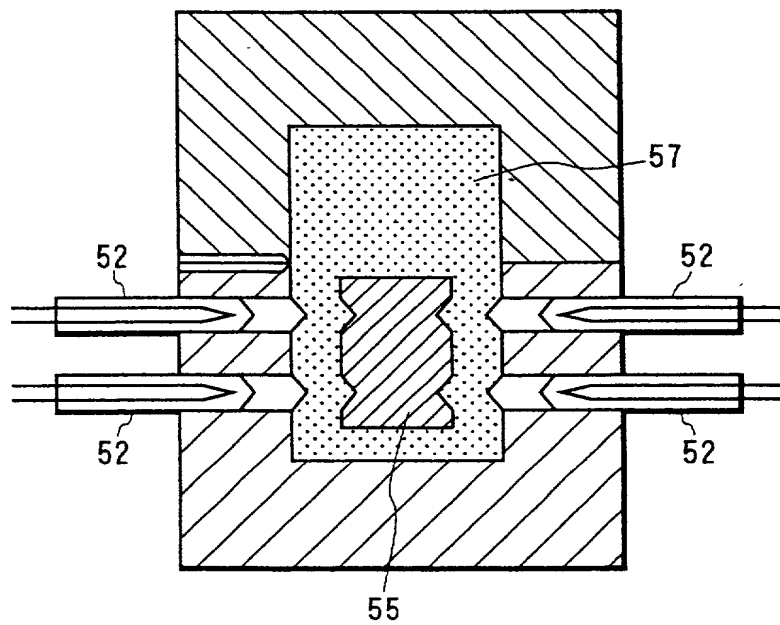
*FIG. 16*



*FIG. 17*



*FIG. 18*



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FIG. 19

SAMPLE TIME	A	B	C	D
HOLD PIN BODY	STAINLESS	METAL	METAL	CERAMIC
HEATING MEMBER	STAINLESS	W WIRE	CERAMIC	CERAMIC
TEMPERATURE INCREASE RATE	30°C/s	70°C/s	80°C/s	100°C/s
POWER CONSUMPTION RATE	80W	50W	30W	30W
STRENGTH	φ5 OR GREATER	φ3 OR GREATER	φ3 OR GREATER	φ3 OR GREATER
RELIABILITY IN REPETITION	△	○	○	○
SYNTHETIC VALUATION	○	○	○	◎



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FIG. 20

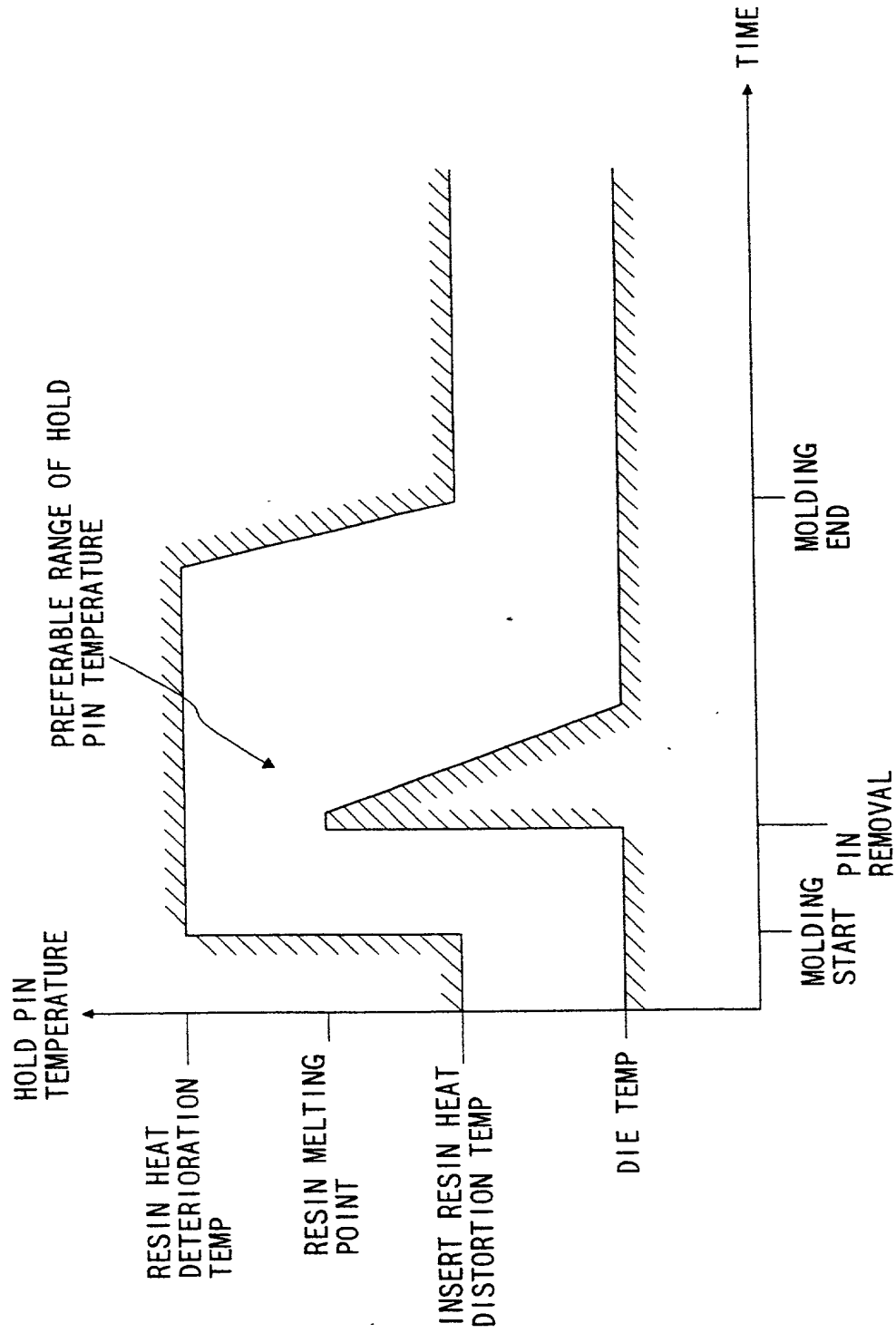


FIG. 21

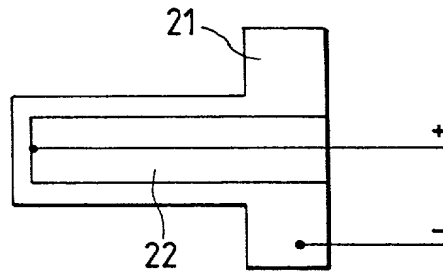


FIG. 22

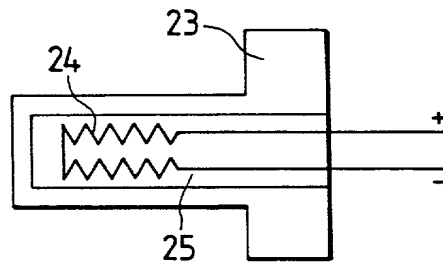


FIG. 23

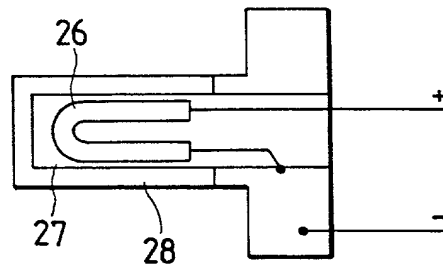
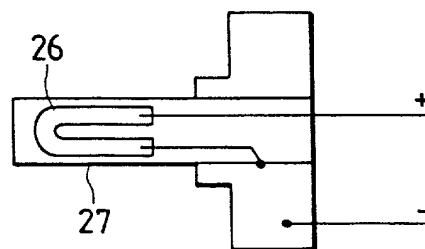
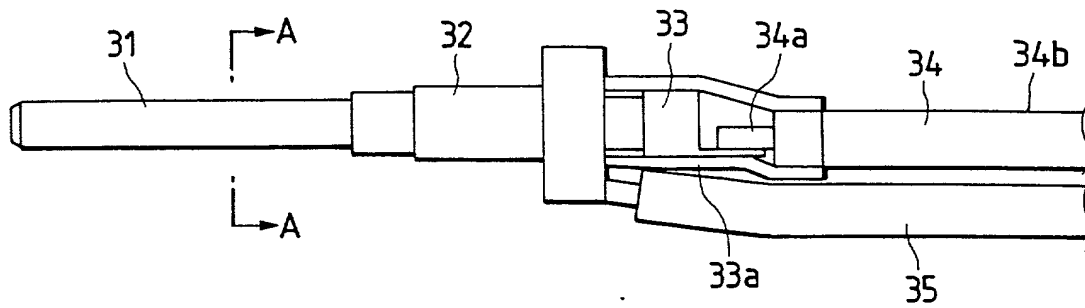


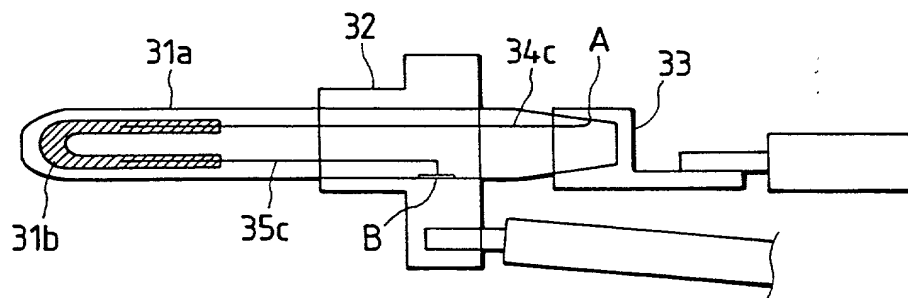
FIG. 24



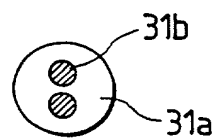
*FIG. 25*



*FIG. 26*

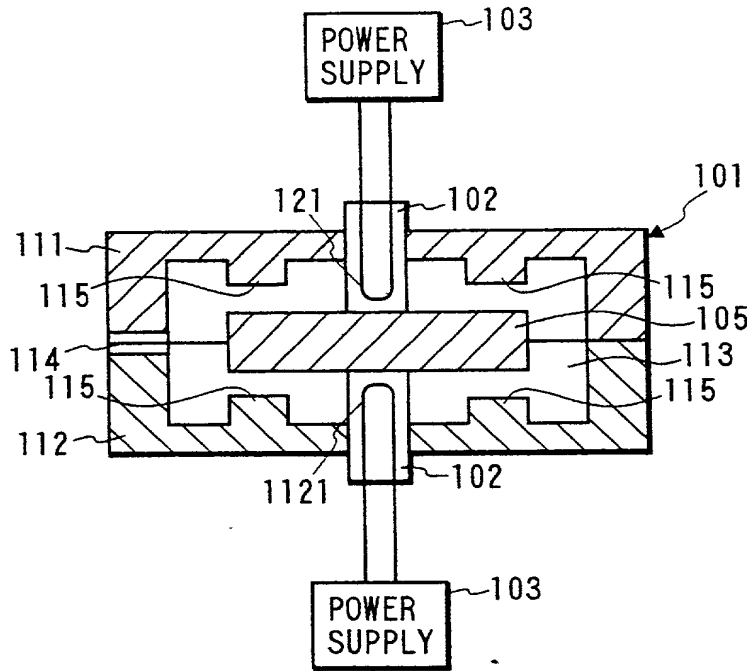


*FIG. 27*

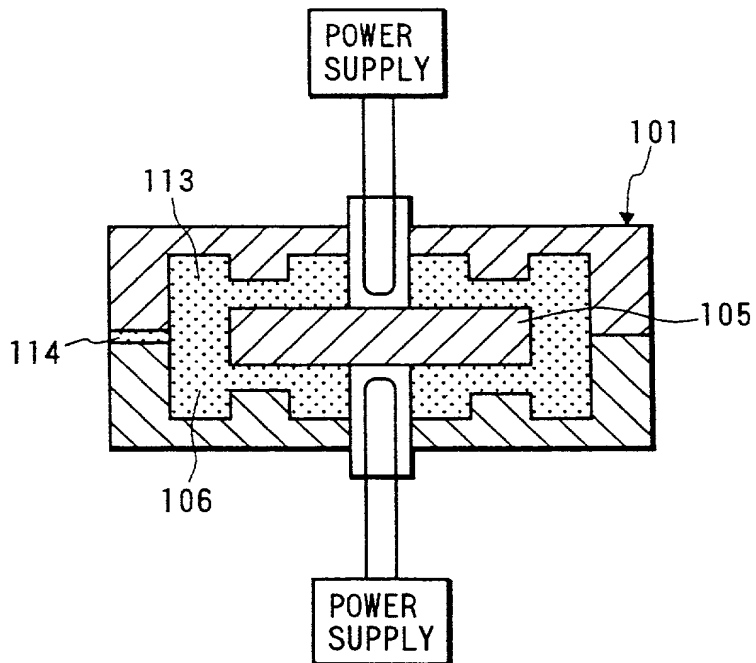


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*FIG. 28*



*FIG. 29*



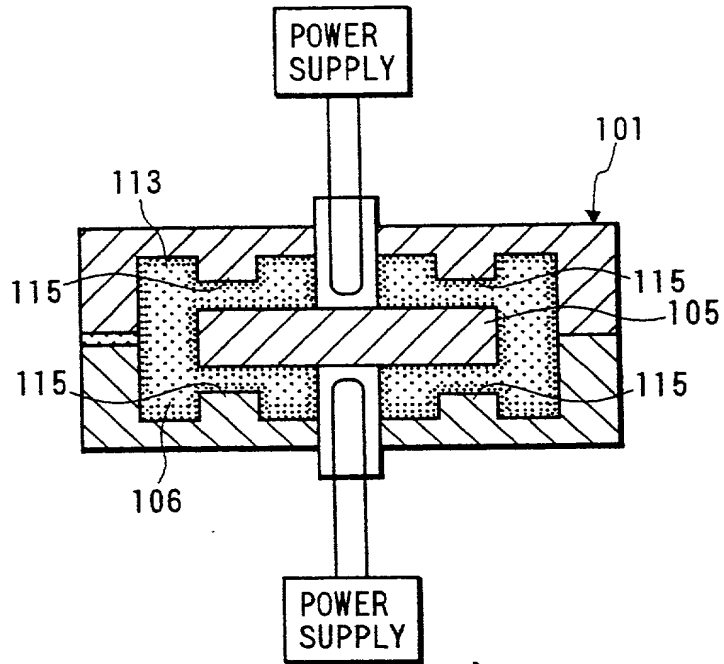
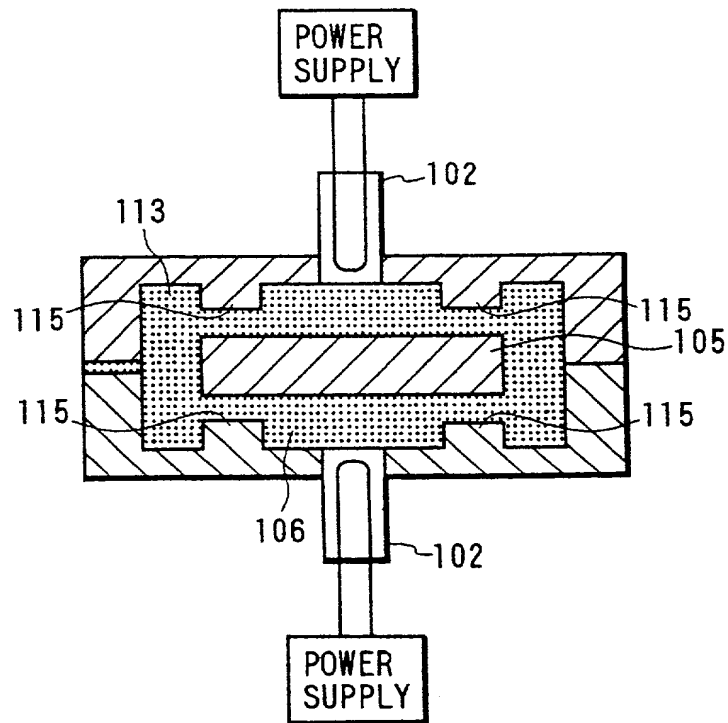
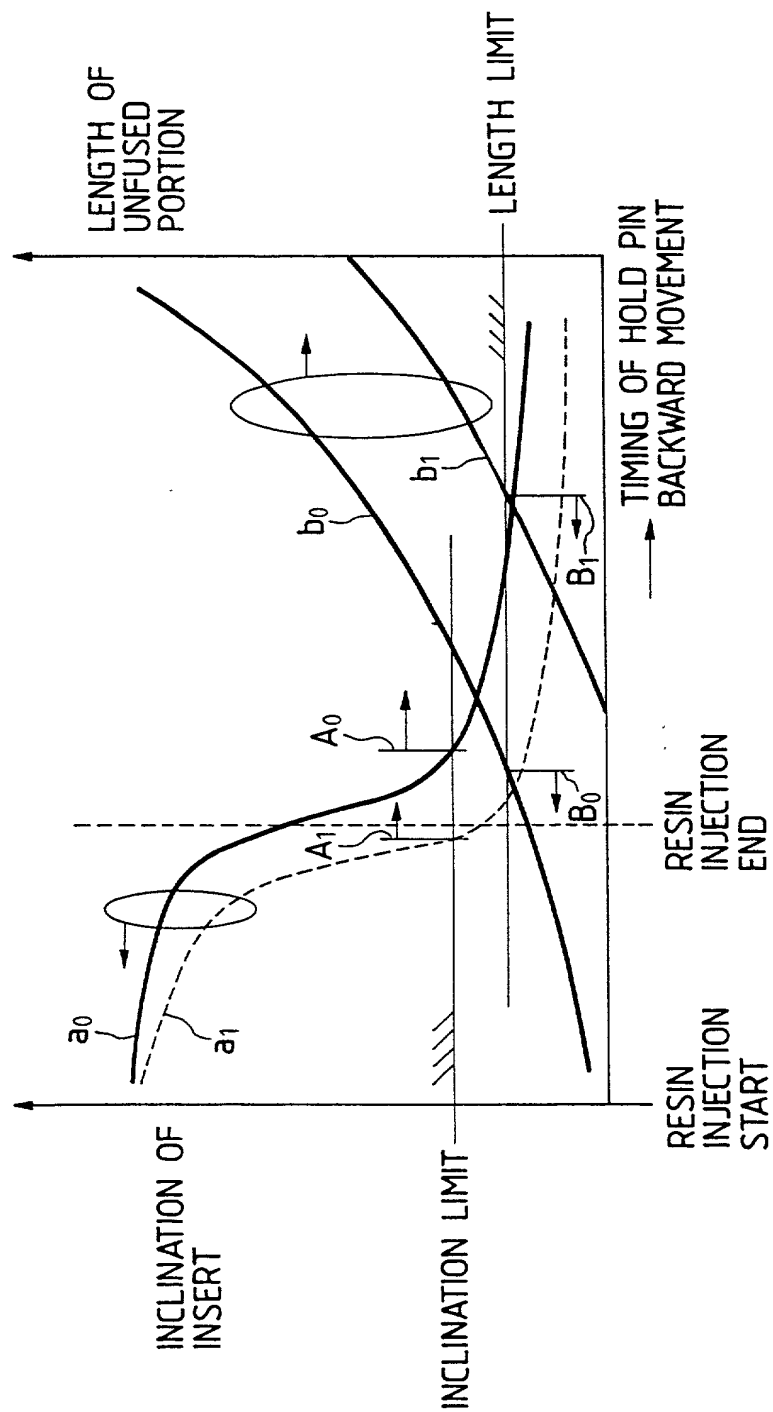
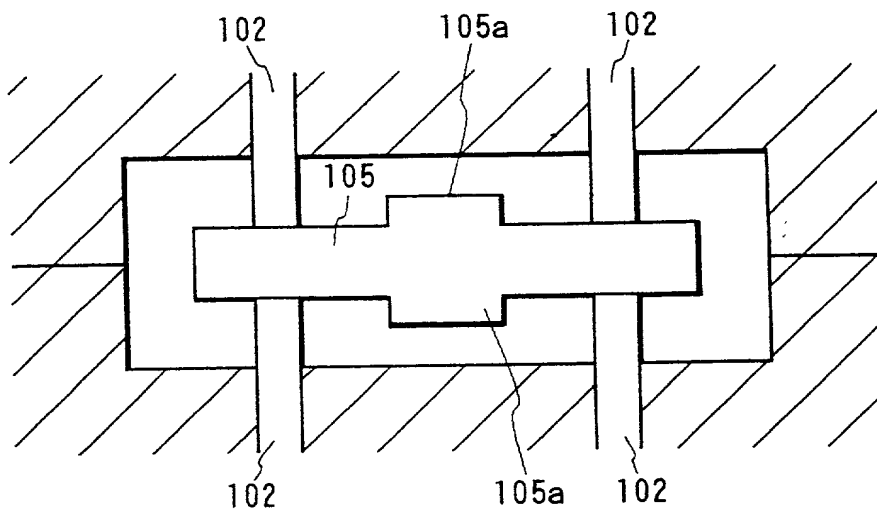
*FIG. 30**FIG. 31*

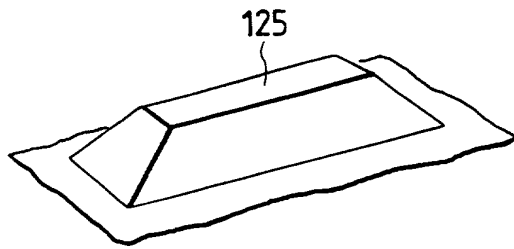
FIG. 32



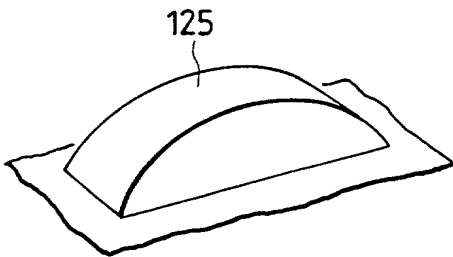
*FIG. 33*



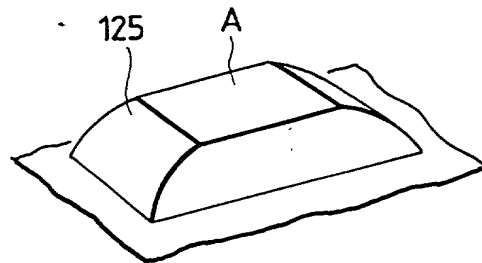
*FIG. 34*



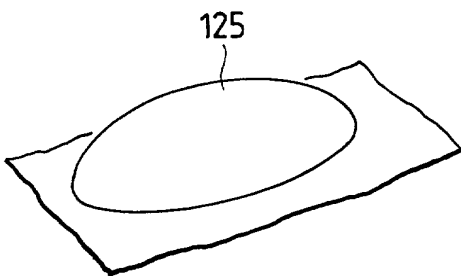
*FIG. 35*



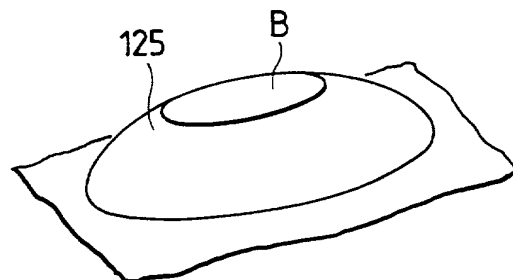
*FIG. 36*



*FIG. 37*

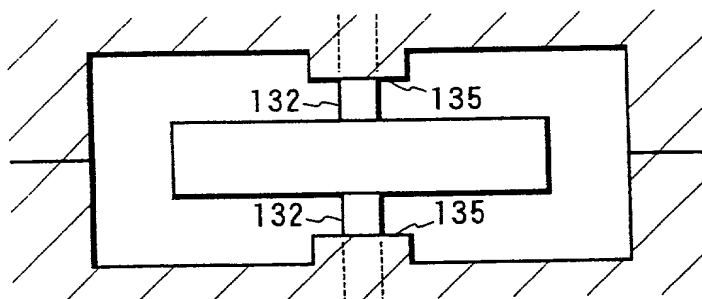


*FIG. 38*

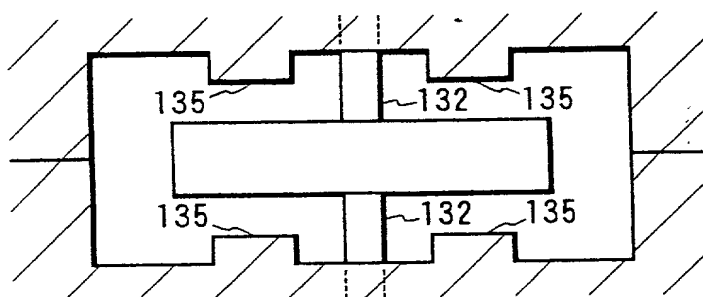




*FIG. 39*



*FIG. 40*



*FIG. 41*

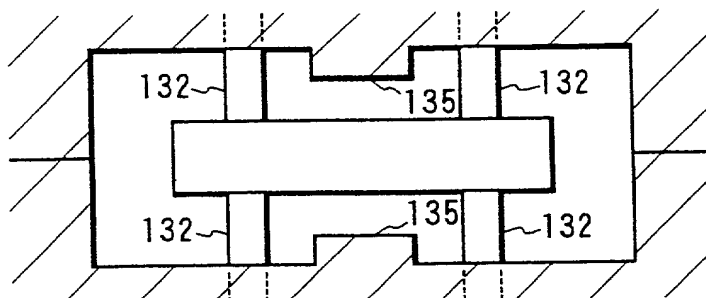


FIG. 42

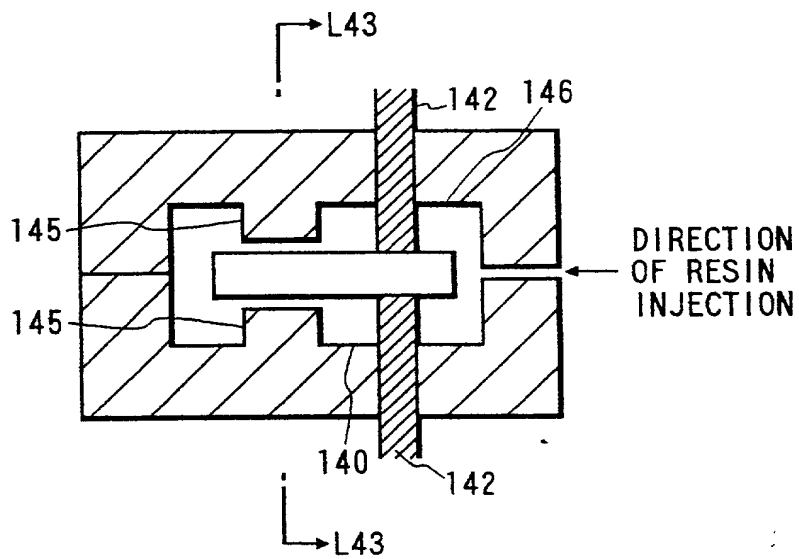


FIG. 43

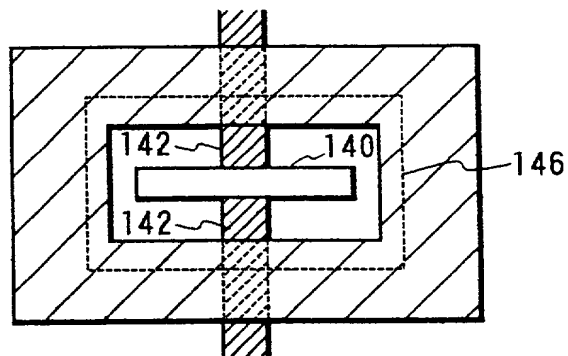


FIG. 44

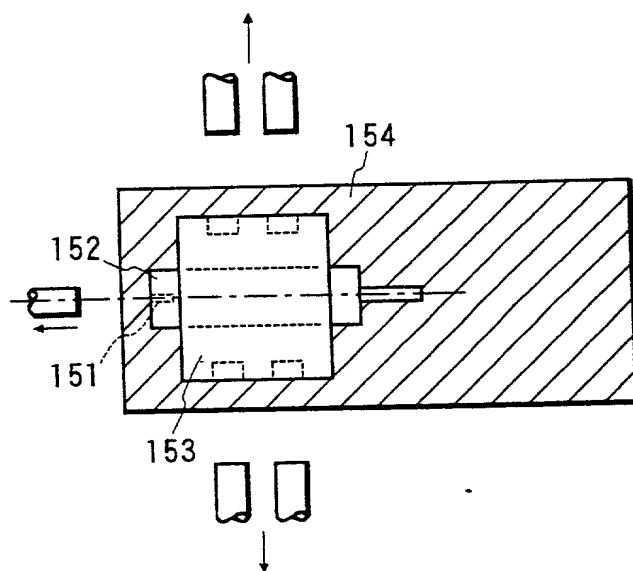
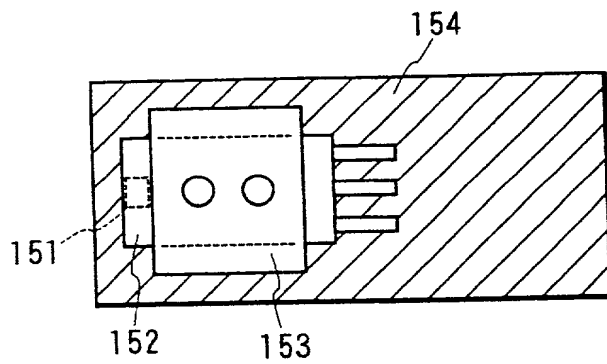
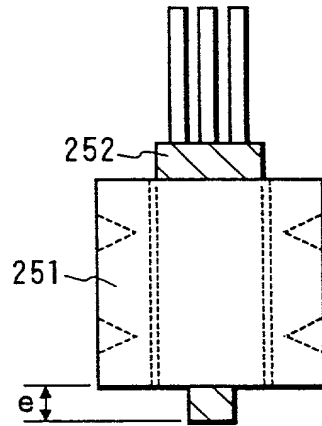


FIG. 45



*FIG. 46*



*FIG. 47*

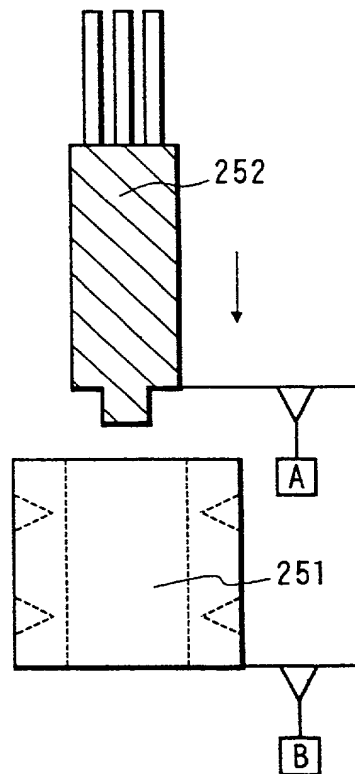


FIG. 48

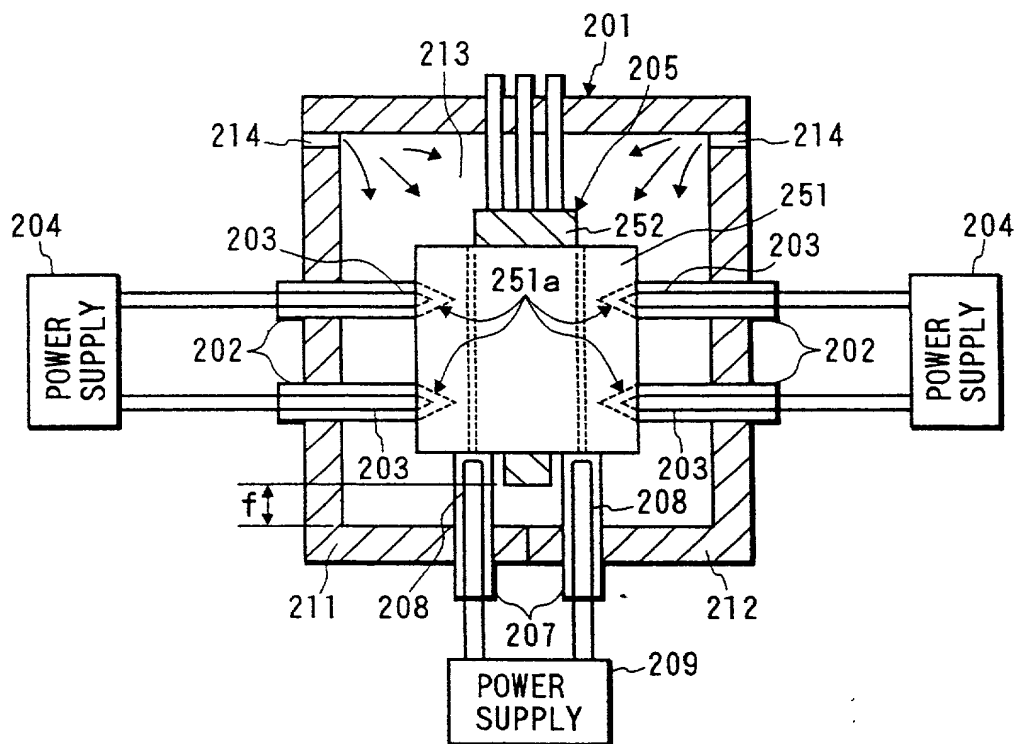


FIG. 49

